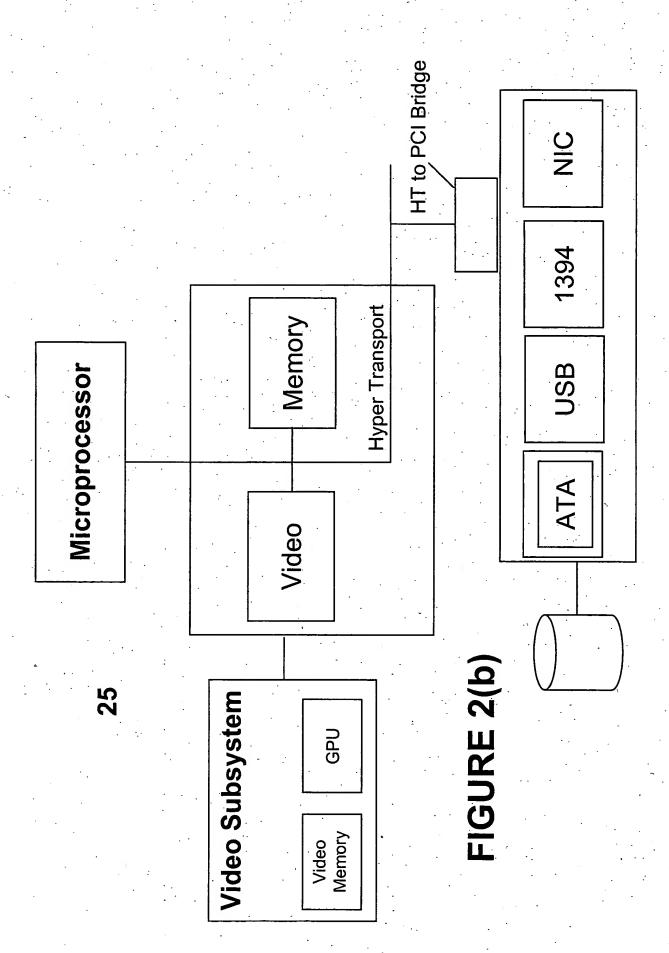
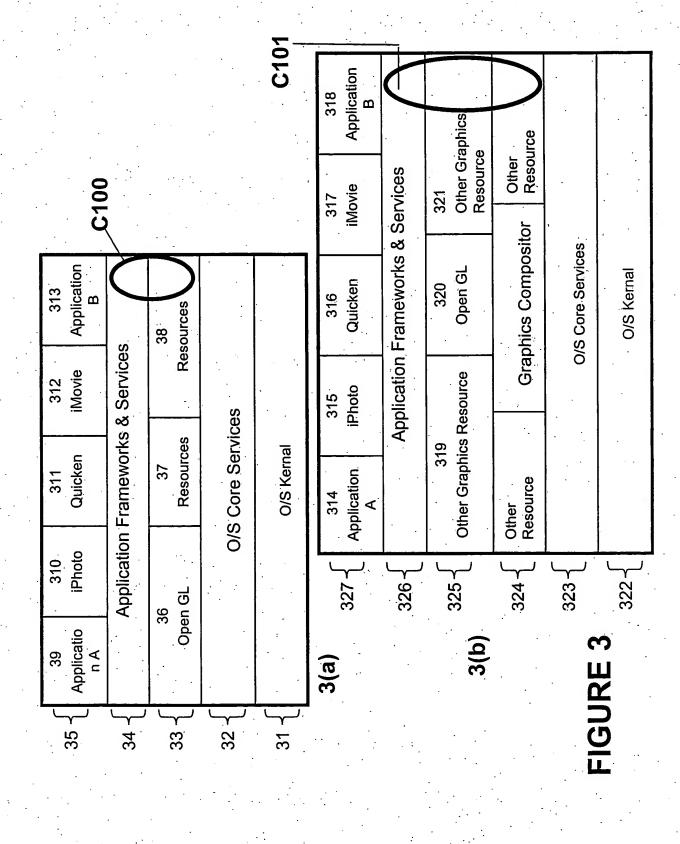


FIGURE 2(a)





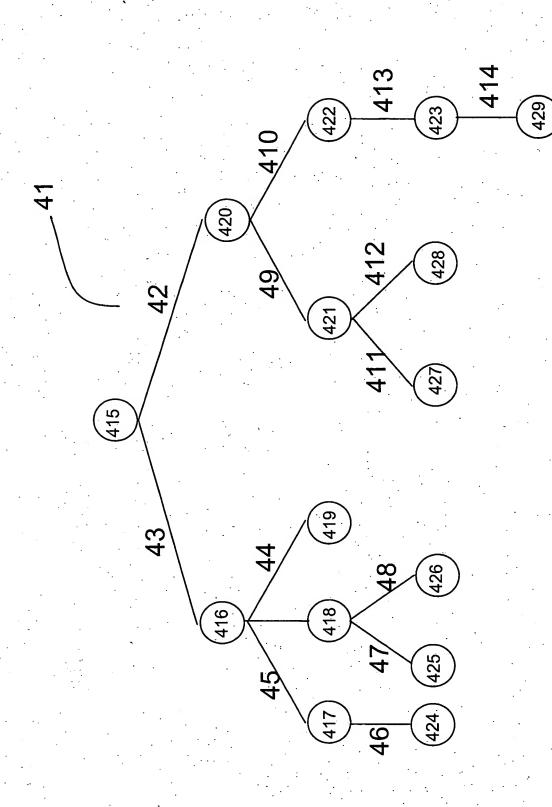
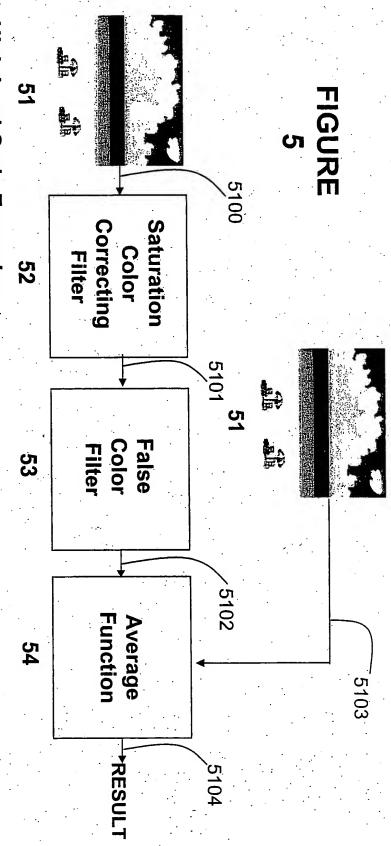
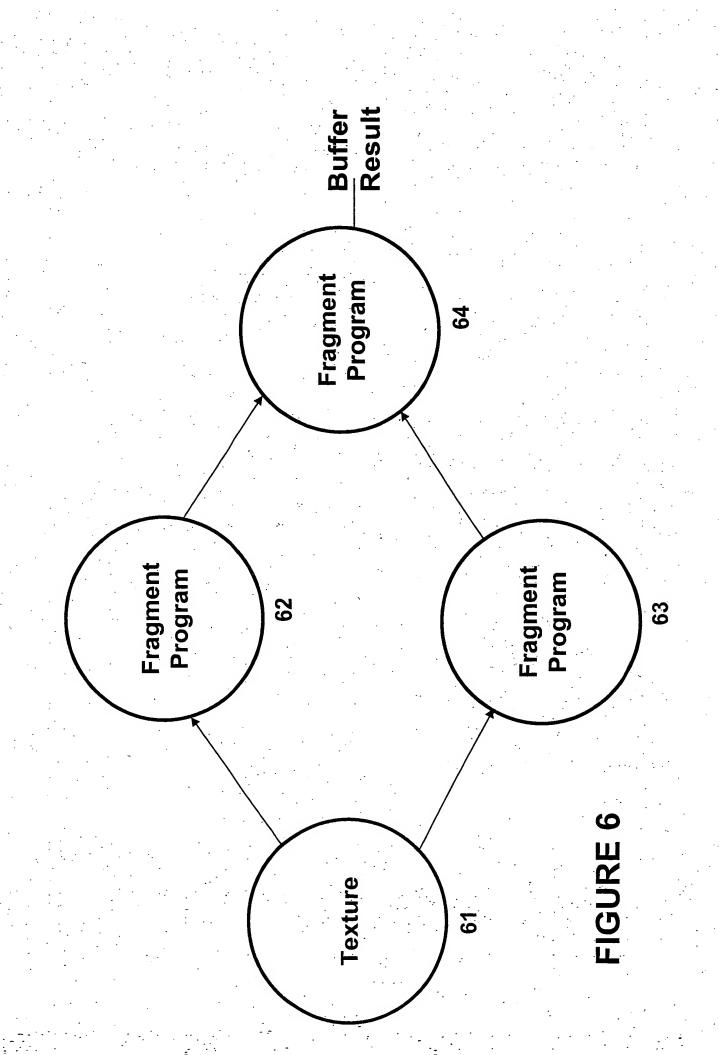


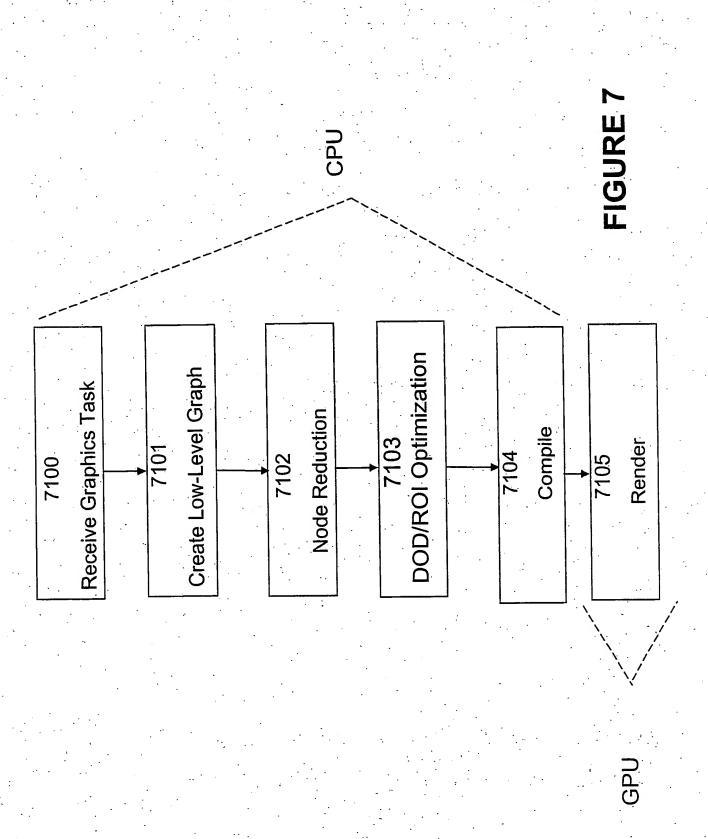
FIGURE 4

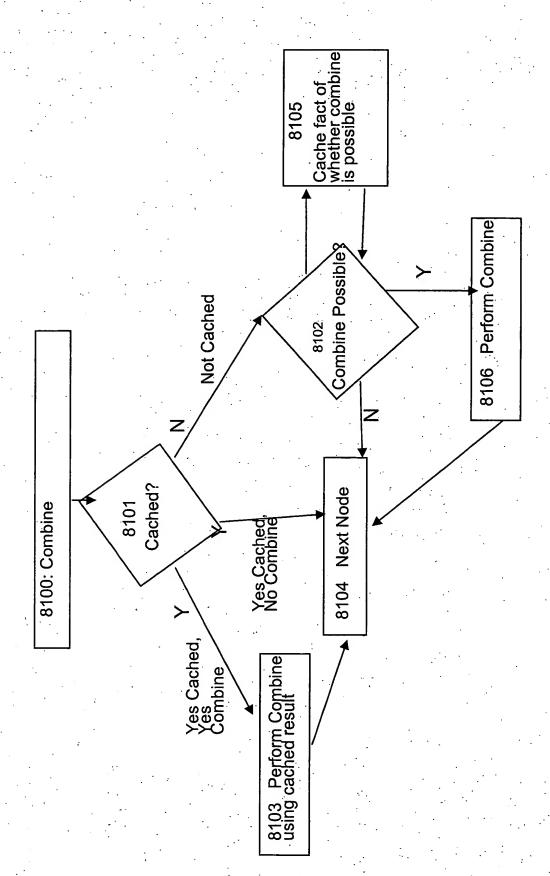


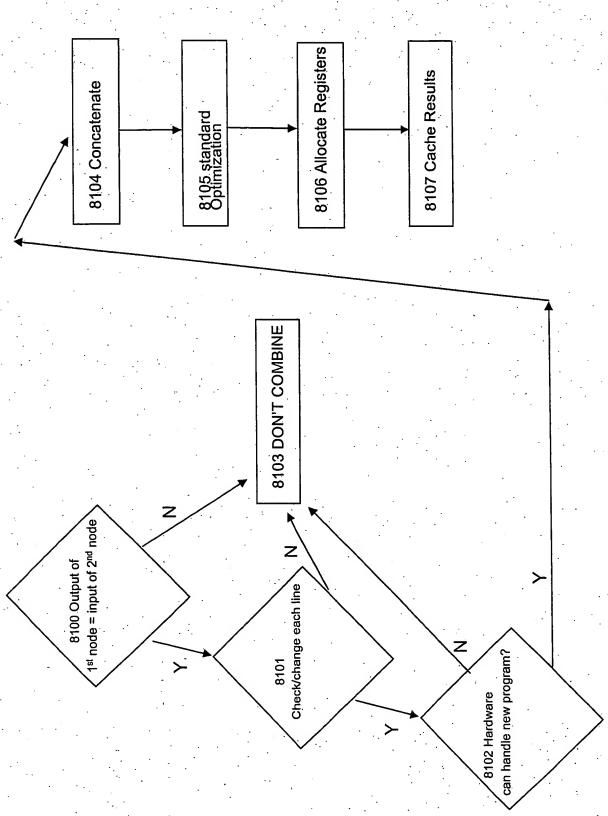
## **High-level Code Examples:**

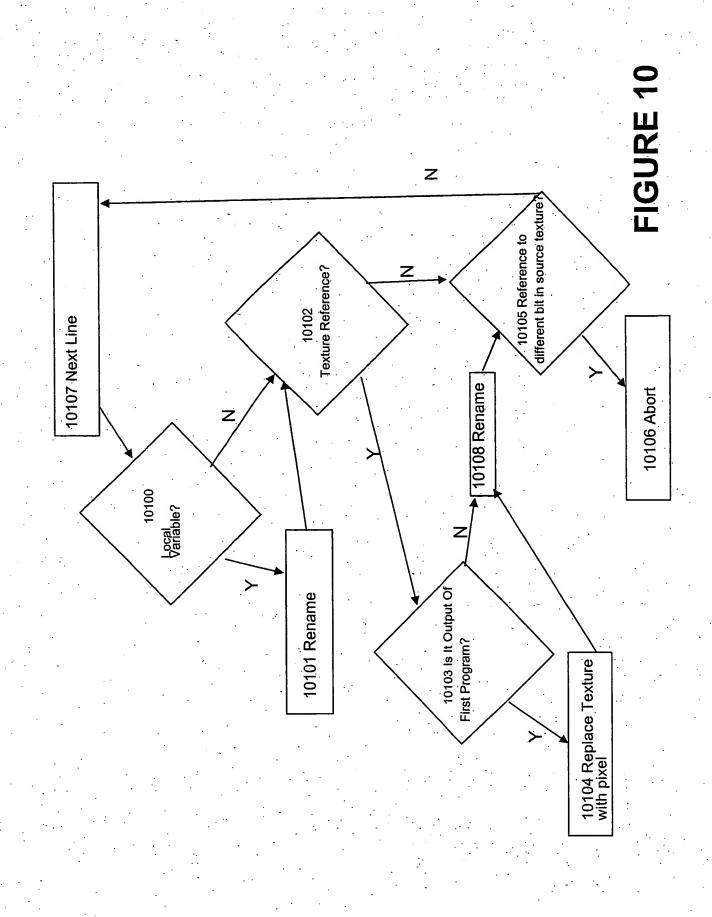
- Allocate 51
- Apply 52 to 51, parameters = (X, Y, Z, W), input = 51 (Sea Shore image), output = [place holder] CC sea shore
- Apply 53, parameters (X, Y, Z, W), input = cc sea shore, output = [place holder] FC CC sea shore
- output = [place holder] sea shore result Apply 54, parameters (X, Y, Z, W), input buffer 53, input Sea Shore image,

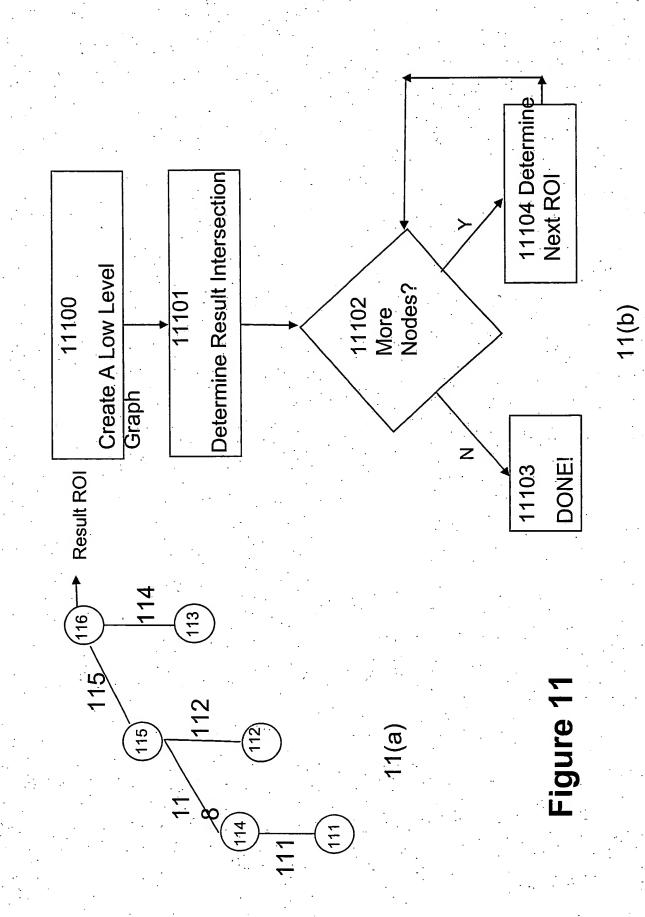


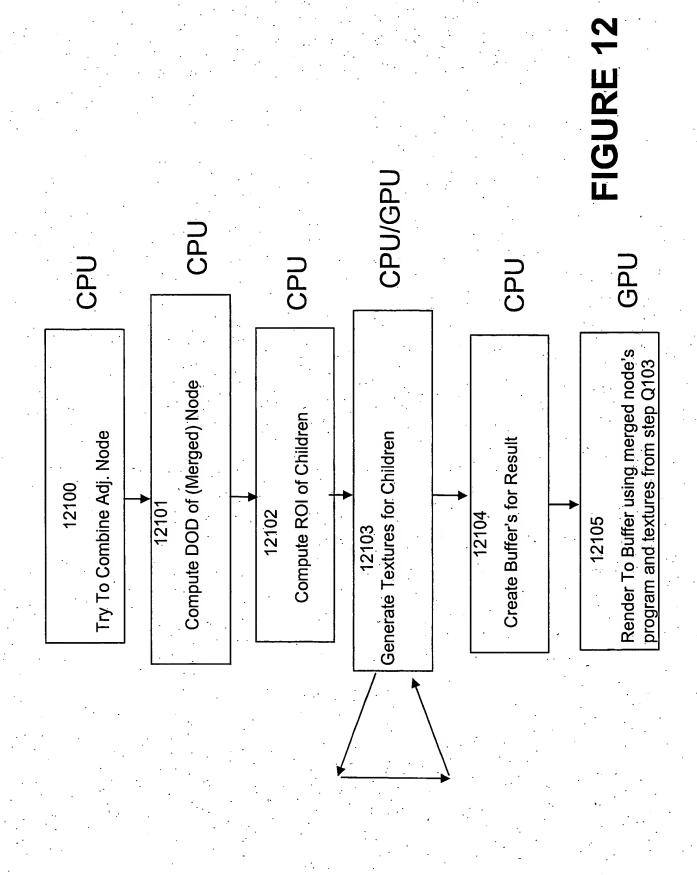


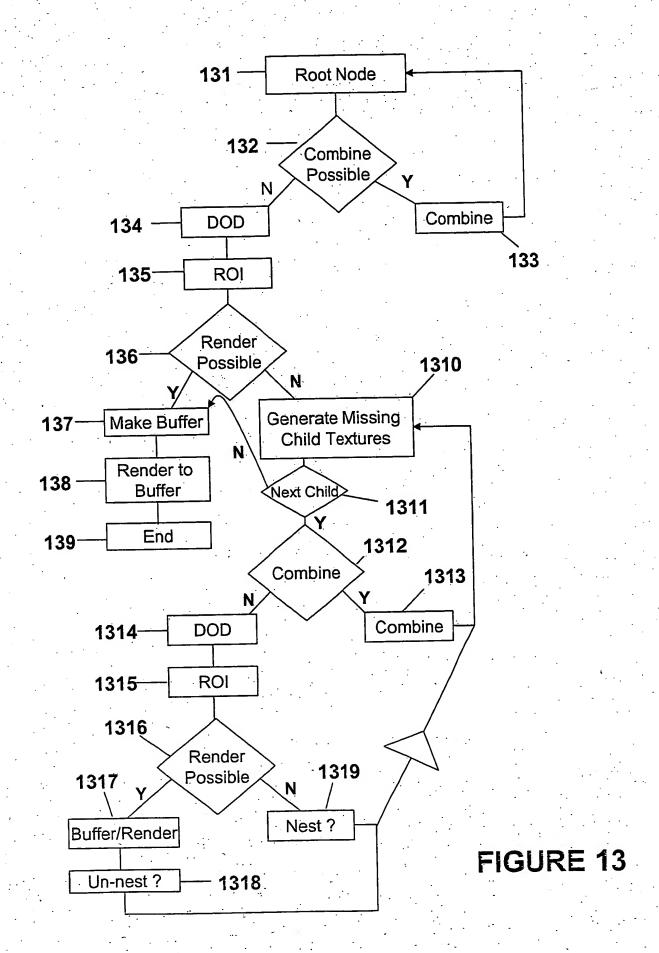


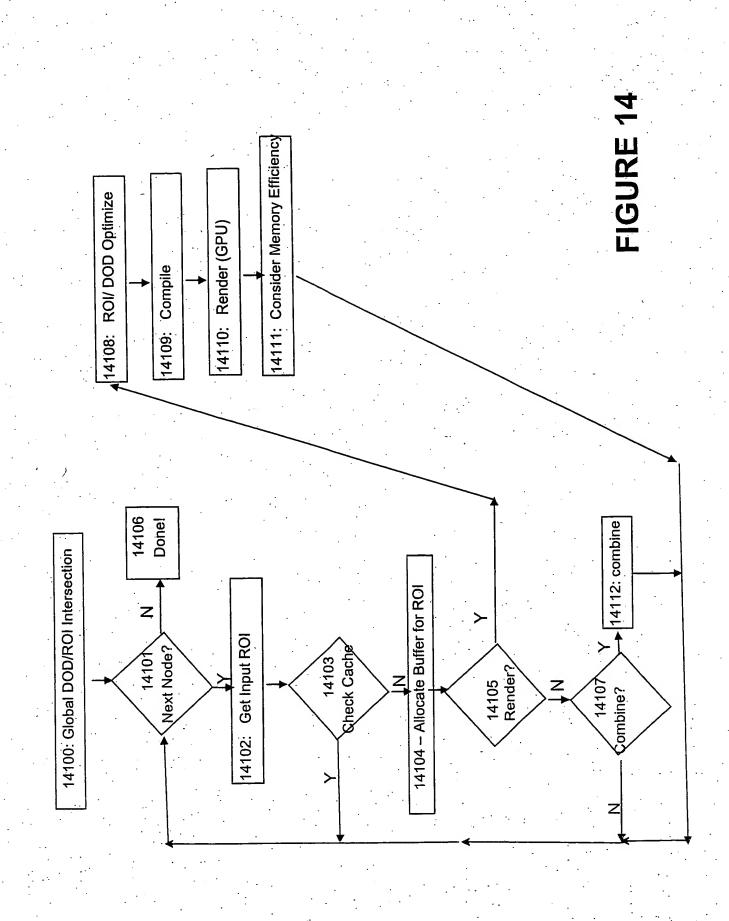












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GPU	Prior Task	Frame 1	Frame 2	Frame 3	Frame 4	Frame 5	Frame 6
CPU	Frame 1	Frame 2	Frame 3	Frame 4	Frame 5	Frame 6	Frame 7
	Time 1	Time 2	Time 3	Time 4	Time 5	Time 6	Time 7

15(a)

## FIGURE 15(a) & 15(b)

	7	P2	РЗ	P4
Time 1	Frame 1			
Time 2	Frame 2	Frame 1		
Time 3	Frame 3	Frame 2	Frame 1	
Time 4	Frame 4	Frame 3	Frame 2	Frame 1
Time 5	Frame 5	Frame 4	Frame 3	Frame 2
Time 6	Frame 6	Frame 5	Frame 4	Frame 3
Time 7		Frame 6	Frame 5	Frame 4

	FIGURE 15(
GPU	
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GPU		Frame 1, effect 2	Frame 2, effect 2	Frame 1, effect 4	Frame 2, effect 4	Frame 3, effect 2	Frame 4, effect 2	Frame 3, effect 4	Frame 4, effect 4
CPU	Frame 1, effect 1	Frame 2, effect 1	Frame 1, effect 3	Frame 2, effect 3	Frame 3, effect 1	Frame 4, effect 1	Frame 3, effect 3	Frame 4, effect 3	
	Time 1	Time 2	Time 3	Time 4	Time 5	Time 6	Time 7	Time 8	

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